

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	09/617,868
Filing Date	07-17-2000
First Named Inventor	Thomas J. Shaw
Art Unit	3767
Examiner Name	MacNeill, Elizabeth
Attorney Docket Number	0575329.77432

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 2,876,770	03-10-1959	White	
	2	US- 3,463,152	08-26-1969	Sorenson	
	3	US- 3,890,971	06-24-1975	Leeson	
	4	US- 4,026,287	05-31-1977	Haller	
	5	US- 4,333,457	06-08-1982	Margulies	
	6	US- 4,378,015	03-29-1983	Wardlaw	
	7	US- 4,392,859	07-12-1983	Dent	
	8	US- 4,425,120	01-10-1984	Sampson	
	9	US- 4,507,117	03-26-1985	Vining	
	10	US- 4,507,118	03-26-1985	Dent	
	11	US- 4,542,749	09-24-1985	Caselgrandi	
	12	US- 4,573,976	03-04-1986	Sampson	
	13	US- 4,592,744	06-03-1986	Jagger	
	14	US- 4,631,057	12-23-1986	Mitchell	
	15	US- 4,664,654	05-12-1987	Strauss	
	16	US- 4,675,005	06-23-1987	DeLuccia	
	17	US- 4,692,156	09-08-1987	Haller	
	18	US- 4,710,170	12-01-1987	Haber	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2** of **3****Complete if Known**

Application Number	09/617,868
Filing Date	07-17-2000
First Named Inventor	Thomas J. Shaw
Art Unit	3767
Examiner Name	MacNeill, Elizabeth
Attorney Docket Number	0575329.77432

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	19	US- 4,723,943	02-09-1988	Spencer	
	20	US- 4,725,267	02-16-1988	Vaillancourt	
	21	US- 4,737,144	04-12-1988	Choksi	
	22	US- 4,747,831	05-31-1988	Kulli	
	23	US- 4,767,413	08-30-1988	Haber, et al.	
	24	US- 4,770,655	09-13-1988	Haber	
	25	US- 4,813,426	03-21-1989	Haber, et al.	
	26	US- 4,828,548	05-09-1989	Walter	
	27	US- 4,850,968	07-25-1989	Romano	
	28	US- 4,863,435	09-05-1989	Sturman	
	29	US- 4,887,998	12-19-1989	Martin	
	30	US- 4,894,055	01-16-1990	Sudnak	
	31	US- 4,898,589	02-06-1990	Dolgin	
	32	US- 4,900,307	02-13-1990	Kulli	
	33	US- 4,906,236	03-06-1990	Alberts	
	34	US- 4,911,693	03-27-1990	Paris	
	35	US- 4,917,673	04-17-1990	Coplin	
	36	US- 4,919,652	04-24-1990	Alter, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **3**of **3****Complete if Known**

Application Number	09/617,868
Filing Date	07-17-2000
First Named Inventor	Thomas J. Shaw
Art Unit	3767
Examiner Name	MacNeill, Elizabeth
Attorney Docket Number	0575329.77432

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	37	US- 4,921,486	05-01-1990	DeChellis, et al.	
	38	US- 4,927,414	05-22-1990	Kulli	
	39	US- 4,927,416	05-22-1990	Tomkiel	
	40	US- 4,929,237	05-29-1990	Medway	
	41	US- 4,932,947	06-12-1990	Cardwell	
	42	US- 4,946,446	08-07-1990	Vadher	
	43	US- 4,955,868	09-11-1990	Klein	
	44	US- 4,955,869	09-11-1990	Bin	
	45	US- 4,966,593	10-30-1990	Lennox	
	46	US- 4,973,316	11-27-1990	Dysarz	
	47	US- 4,988,339	01-29-1991	Vadher	
	48	US- 5,129,884	07-14-1992	Dysarz	
	49	US- 5,188,613	02-23-1993	Shaw	
	50	US- 5,407,436	04-18-1995	Toft, et al.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.